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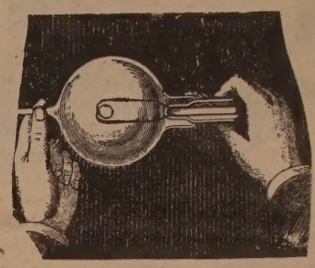
THE NEWSPAPER FOR
THE HOBBYIST OF VINTAGE
ELECTRONICS AND SOUND

# THE HORN SPEAKER

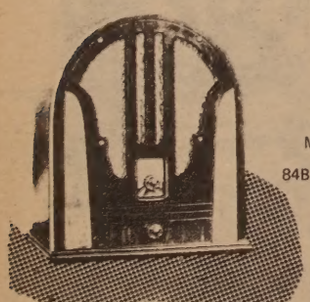


Thomas Edison's
incandescent lamp
1879-1979

## PHILCO

Throughout most of its 77-year history, Philco-Ford has been primarily known for its consumer goods. Frank S. Marr and four business associates organized the forerunner of Philco-Ford as a small producer of a carbon arc street lamps during the spring and summer of 1892. For the first few months they called their firm the Spencer Company, after Thomas Spencer, a founder. But later in 1892 they changed the name to Helios Electric Company, and incorporated under that name with Marr as president. (He held the post until his death on Dec. 1, 1916.) Helios sputtered into life with an initial capitalization of just over $10,000, paid a German firm of the same name to use that company's patents and processes, and limped along on the verge of bankruptcy for several years.

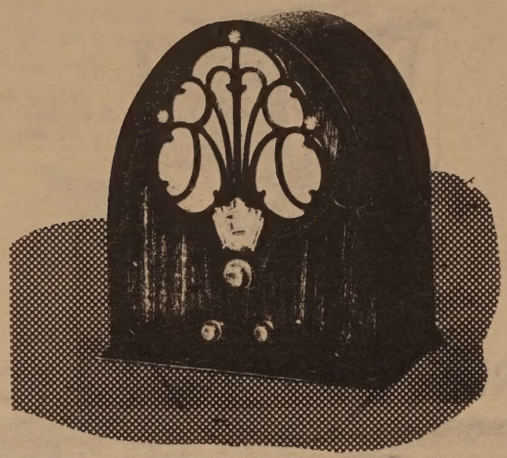
Lack of business forced the directors to shut the plant for two weeks in August of 1893. In 1899, the carbon arc lamp business came to a standstill, and the directors sold certain assets to a new company, Helios-Upton Company of New Jersey.



MODEL 33B & 84B
33B: $39.95
84B: 4 TUBES, $20.00
1936

Five years later, Frank Marr and the other directors were told that remaining Helios assets would bring only 20 cents on the dollar at receiver's sale. Rather than sell at that price, the directors liquidated some receivables and managed to keep the Company in business.

Helios resumed manufacturing in 1904. After entering the electric storage battery business, the directors changed the name in 1906 to Philadelphia Storage Battery Company.



## BABY GRAND

MODEL 20B
7 TUBES TRF $49.50 NEW
1930

Expanding business led to the acquisition of a factory site at Emerald and Tioga Streets in 1907, and the Company's headquarters have been on Tioga Street ever since.

By 1910, the Company was soundly financed. A profit of $30,517 was reported to the directors on July 23, 1910; they immediately distributed $25,900 among themselves.

The new Company produced storage batteries for electric automobiles, trucks and mine locomotives, and later home-charging radio batteries. The first major seller was a rectifier that permitted the radio owner to operate his set from household current without batteries.

More than a million of those devices, called "Socket-Power" units, had been sold by 1927, when the invention of the Alternating Current vacuum tube made "A" rectifiers unnecessary and virtually wiped out the Company's main business.

Facing a corporate catastrophe, Philadelphia Storage Battery Company decided to manufacture radios. By the end of 1927 the firm had produced only 96,000 radios and was 26th in the nation among radio makers.

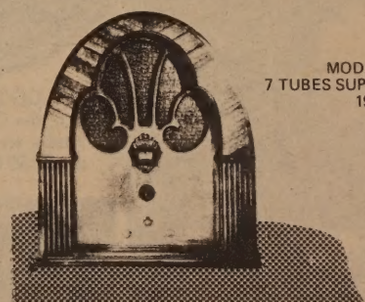
Radios at the time were handmade and priced for relatively wealthy consumers.

The Philadelphia firm decided that prices could be scaled for a mass market by incorporating assembly line techniques then used only in the automobile business.

The Company borrowed $7 million to retool and equip for mass production and made the system work in the face of industry predictions of sudden failure. At the end of 1929, the Company was producing the only popularly priced home radio, the "Baby Grand," was in second place in the industry, and was beginning to reap the benefits of the assembly line.

In 1930, Philco repaid the entire $7 million, sold 600,000 radios, grossed $34 million, and was the leading radio-maker in the country. Shortly after 1930, the Company captured 30 per cent of the domestic radio market.

The name "Philco" first appeared in

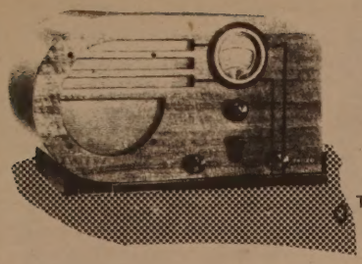


MODEL 70B
7 TUBES SUPERHET $49.95
1931

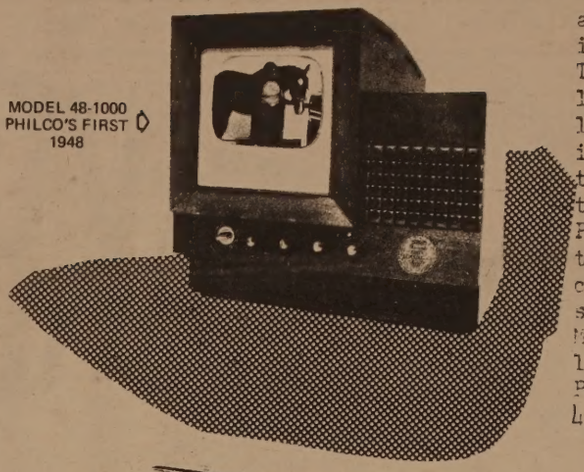
1919 as the trademark on a battery but did not become the Company's official name until incorporation in 1940. (Philco remained a publicly held company from 1940 until Dec. 11, 1961, when it became a wholly owned subsidiary of Ford Motor Company.)

Philco began work in television in 1928 with research into a mechanical system. In 1931, an electronic system came under study.

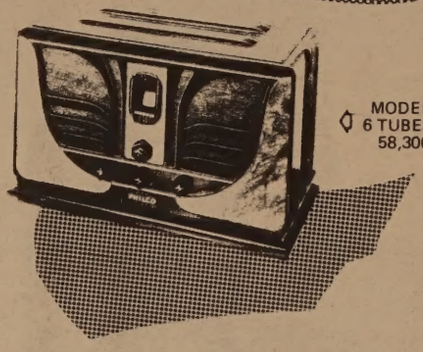
Experimental television broadcasting station W3XE was licensed on June 28, 1932, one of the first all-electronic television stations in the United States. Philco operated the station commercially under the call letters



TRANSITONE 610T
ALL-WAVE
5 TUBES 1936



MODEL 48-1000
PHILCO'S FIRST ◊
1948



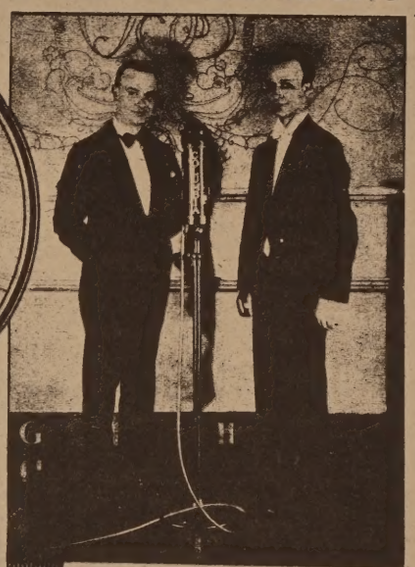
◊ MODEL 45 & 28C
6 TUBES $49.95
58,300 1934

WPTZ from 1941 to 1953.
The Company was among the first to introduce a consumer television receiver, prior to World War II. Philco-Ford today is a major producer of color and black-and-white television receivers. (1969)
In 1938, Philco entered the air conditioning and refrigeration fields.
In 1948, in conjunction with Columbia Records, Philco introduced the world's first phonograph for long-play records, opening that whole new entertainment area.
In addition to radio and television, the Company added other consumer electronic lines including ever-expanding lines of monaural and stereo high fidelity record players, tape cartridge players, and reel to reel, and cassette cartridge tape recording units.
The Company has maintained its leadership position in consumer electronic technology, introducing in 1966 one of the first desk radios to incorporate microelectronic intergrated circuits.
Philco on October 6, 1966, became the Philco-Ford Corporation, a name change that recognized the Company's significant advances since Ford Motor Company acquired ownership in 1961.
Philco-Ford in late 1969 had some 45,560 employes around the world.
Courtesy of News Department,
Philco-Ford Corporation
Illustrations: courtesy of
Vintage Radio.

# PHILCO EXECUTIVES GREET SYMPHONY LEADERS

J. M. Skinner, Vice-President and General Sales Manager of PHILCO, greets Leopold Stokowski, conductor of the Philadelphia Orchestra.

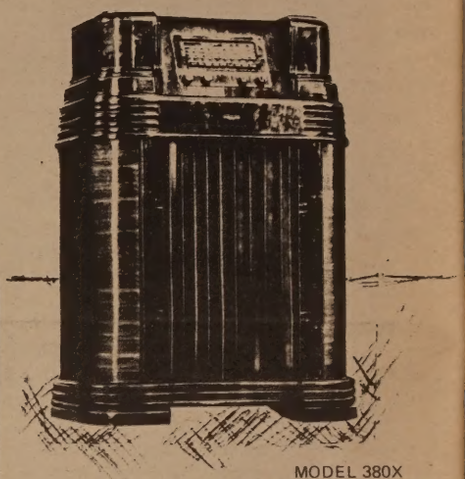
PHILCO'S De Luxe combination, the Concert Grand with 9-tube screen-grid plus chassis. $350.00, less tubes.



Left to right: Sayre M. Ramsdell, Sales Promotion Manager of PHILCO, and Howard Barlow, Director of the Great Philco Symphony Orchestra.

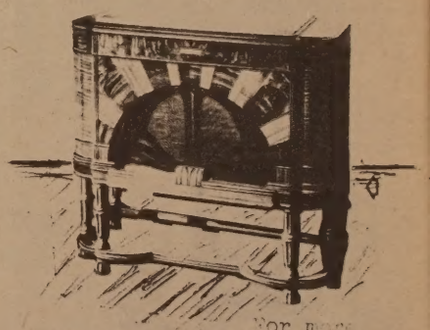
Left to right: E. B. Loveman, Advertising Manager of PHILCO; Sayre M. Ramsdell, Sales Promotion Manager; E. Peyton, Secretary of PHILCO.

RADIO FOR SEPTEMBER, 1930



MODEL 380X
(SEE ALSO 42-380, 1942)
AM-SW
8 TUBES
1941

MODEL 507L
RADIO-PHONO
8 TUBES 1934



For more Philco pictures, see Morgan McMahon's A FLICK OF THE SWITCH

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Subscribers, advertisers, photographers and writers, please use the following address;
THE HORN SPEAKER
P.O. BOX 53012
DALLAS TX 75253

# letters

Gentlemen:
Enclosed is my check in the amount of $5.50 for a one year subscription to "The Horn Speaker."
My current interest involves 50s after having lost my original collection of the real oldies in a fire.
Very truly yours,
M. Kranzel
7880-54th Ave. No., #125
St. Petersburg FL 33709

Dear Jim,
I want to say that I have very much enjoyed "The Horn Speaker" for its very informative articles and its ads. I have always had an interest in early radios and phonographs. What really got me started in my interest, was getting an AK 188 to work, which my grandmother had given me, by soldering the voice coil wires in the speaker. Then from showing that set off, someone else gave me a working Radiola 18, that no one else wanted. Since then I've acquired a number of sets from the 20's and 30's. However, I never realized, until rather recently, that these old sets could be maintained or restored. Therefore I am grateful for your interest in providing help and information for this interesting topic.
Sincerely,
[illegible] Taylor
Kennett Square PA 19348

Dear Jim,
Thanks for your expiration notice, enclosed is $5.50 for my renewal. I've enjoyed your Mag. the last 2-3 years I've gotten it. The Sept., 79 issue is really good. I'm glad to see restoration articles.
Thanks,
John D. Miller
3704 Bold Bidder Dr.
Lexington KY 40502

Dear Jim:
Have missed "The Horn Speaker" over the summer -- look forward to getting it again when you start up again next month.
The response to my ad in the June issue was fantastic! Over 90 replies from interested collectors were received, many of whom said they saw the ad in "The Horn Speaker."
The Antique Radio Broadcaster which I'm offering to build and sell to fellow collectors, fills a need, I believe, whereby those great old time radio programs--now available from many sources--can be played over vintage battery and AC-powered radios. I've certainly enjoyed mine-to hear an Atwater Kent commercial is unrivaled. Atwater Kent 84 Cathedral
Thanks again for putting out such an excellent publication with such wide readership--keep up the good work!
Sincerely Yours,
Harry E. Burke
1201 Happy Hollow
Plattsmouth NE 68048

To THE HORN SPEAKER:
Subject---
I am making the detector described on page 20 of your June 1979 issue. I would like to know where ZINCITE, PERIKON and COPPER PYRITES may be obtained. I can't find a definition of PERIKON but I assume it is ZINCITE.
Would you please advise? I like your Horn Speaker and would like to see other articles on construction of all wireless items.
If you have, or could obtain for me, any of these minerals or would ship COD would be pleased at your


AVAILABLE BOOKS -- single copies **RADIOGRAPHICS BOOKS**

1. PRACTICAL WIRELESS TELEGRAPHY, Bucher, 1921. $12.00
2. A GENIUS IN THE FAMILY, Hiram Percy Maxim, 1936. Biography of his father's life and his own boyhood. $25.00.
3. RADIO AMATEUR CALLBOOK, 3rd ed., 1922. Maxim listed as 1AW. $40.00
4. RADIO AMATEUR CALLBOOK MAGAZINE, September, 1929. $20.00
5. RCA VICTOR SERVICE NOTES, 1929-30, Radiolas, etc. Hardcover. $30.00
6. HANDBOOK OF WIRELESS TELEGRAPHY, British Admiralty, 1933, 2 vols., very good cond., both for $25.00.
7. THE SPEAKING TELEPHONE, TALKING PHONOGRAPH, AND OTHER NOVELTIES, G.B. Prescott, 1878. Very rare, very early, 400 pp. $100.00.
8. THE RADIO AMATEUR'S HANDBOOK, ARRL, first edition, first printing, 1926, very good condition. Rare and sure to appreciate. $300.00.
9. THE RADIO AMATEUR'S HANDBOOK, ARRL, 3rd ed., 1927. very good condition, $45.00.
10. THE RADIO AMATEUR'S HANDBOOK, ARRL, 6th ed., 1930, very good condition, $40.00.
11. THE RADIO AMATEUR'S HANDBOOK, ARRL, 10th ed., 1933, near new condition, $35.00.
12. QST MAGAZINE, most issues from 1923-1949. Priced as follows; 1923 issues, $7.00; 1924-26, $6.00; 1927-28, $5.00; 1929-30, $4.50; 1931-1935, $4.00; 1936-1939, $3.50; 1940-1950, $2.50. All prices are per issue. Refund if issue you order is sold.

Postage paid on all orders --- Radiographics Books, P.O. Box 18492, Cleveland Heights, Ohio 44118. Ohio residents must add 5½% state and Cuyahoga County sales tax.

ANTIQUE
RADIO COLLECTOR'S
BUTTON

a fine plastic coated button with a safety pin back. Cathedral radio and words "antique radio collector" $.75

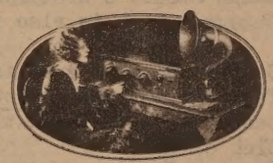
$4.95

**Radio Boys**

LET US SEND YOU A COPY OF THE RADIO BOYS--ORIGINAL 1920's COPY IN NICE SHAPE, OUR CHOICE OF TITLE

**Old Radio Treasures**

**There's a rare old radio waiting for you somewhere. Here's how to have year-round fun discovering valuable old sets in your attic, local swap meet or antique barn. You'll enjoy McMahon's fascinating books, truly fine collector's references.**



VINTAGE RADIO, 1887-1929: Pictorial story of pioneer days, 1,000 photos, 263 pages. $10.95 hard-cover, $8.95 soft.

A FLICK OF THE SWITCH, 1930-50: Fun picture reference of home, military, Ham, professional radio-TV-electronics, 312 pages. $10.95 hard-cover, $8.95 soft.

RADIO ENCYCLOPEDIA, Gernsback's 1927 classic beautifully recreated, 175 pages. $14.95 hard-cover, $10.95 soft.

RADIO COLLECTOR'S GUIDE, 1921-32: Data book with 50,000 facts on 9,000 models by 1,100 makers, 264 pages, $6.95.

1926-38 RADIO DIAGRAMS: Beitman's classic of 600 models, 240 pages, $7.00.

P.O. Box 18492
Cleveland Heights, OH 44118

price.
I have galena crystals but Mr. Taber does not mention their use. Maybe not as sensitive--uh!
Sincerely,
Dr. Paul S. Hill
Box 2
Penn Laird VA 22846

EDITOR...We have no sources for -- the readers do.
According to S. Gernsback's Radio Encyclopedia these minerals are defined as:

ZINCITE — An oxide of zinc. Zincite crystals can be distinguished by their red color, often broken up by orange-yellow streaks. This crystal, in combination with several other crystals makes a very excellent detector for radio purposes. The *perikon detector* (q.v.) is a combination of zincite and chalcopyrites. Zincite is also used in combination with bornite, galena, copper, iron pyrites, tellurium and silicon.

PERIKON DETECTOR—A crystal rectifier utilizing a piece of zincite in firm contact with a piece of chalcopyrite.

PYRITES—Compounds of iron or copper and sulphur. Three of these are *Ferrous Sulphide* (FeS), *Bisulphide* ($FeS_2$), and an intermediate known as *Magnetic Pyrites* ($Fe_2S_3$). Pyrites crystals have been used in radio as detector crystals.

Dear Jim,
Enjoyed talking with you at Elgin. As I said, yours is the best publication going and I sure do want to renew. Check for $5.50 enclosed. The president of our club, the NFWA, is sending me information on our next meet, etc. and I'm getting it out to you as soon as I can. Will also be information on our last meet. As you know the subject was Armstrong and we even drew Harry Hagerty. Will send you information.
Larry,

L. F. Babcock
8095 Centre Lane
E. Amherst N.Y. 14051

Dear Jim:
Here is my money for subscription. Thank you for providing such an interesting paper.
I am an ex-Dallasite, living there and going to High School in the 30's.
The WRR transmitter and Texas Centennial of 1936 is wonderful nostalgia to me.
I lived within walking distance.
Best wishes for the future.
Bill Blalock
1614 Davison
Richland WA 99352

# on the air

**GENE AUTRY,** singing star of the CBS "Melody Ranch" program, does a bit of "sound-effecting" with technicians in the CBS-Hollywood studios.

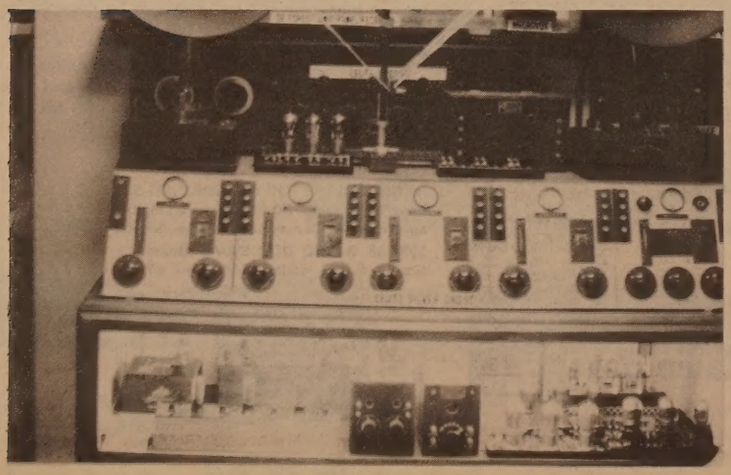
# club news

MORE ON THE ANTIQUE RADIO CLUB OF AMERICA 1979 ANNUAL CONFERENCE IN ELGIN, ILLINOIS

The pictures on this page were taken at the A.R.C.A. Conference and at Ralph Muchow's Historical Radio Museum, which is also in Elgin.

Contest winners are listed as taken from The Antique Gazette, official publication of The Antique Radio Club of America.

One of the rare AK-5s won a first by Carmen Ambroggio

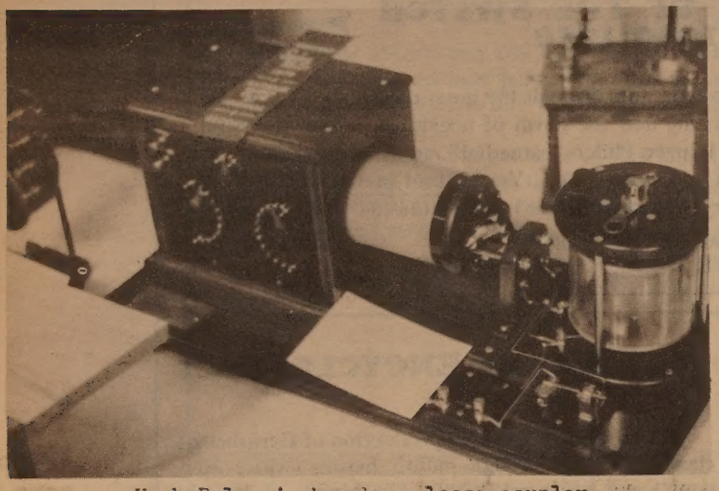


Ralph Muchow has a Leutz Silver Ghost in his museum, enough said.

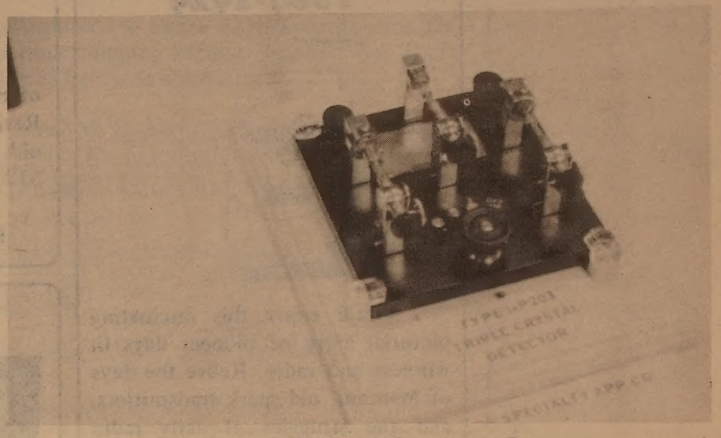
Another one of those Leutz you don't find anywhere you go.

An interesting program about early television set. Kenneth McIntosh is well known for his research on television

Colder weather than expected caused some to wear blankets at the swap meet



Herb Balmer's homebrew loose coupler set of interesting sculpture won a "second."



A type I-P 203 triple crystal detector by Wireless Specialty Apparatus Co. One of Leo Rayner's rare items.

## Elgin, 1979

**CLASS I CRYSTAL RECEIVERS 13 Entries**

| | | |
|---|---|---|
| FIRST | Carmen Ambroggio | Marconi Crystal A |
| SECOND | Jerry Vanick | Marconi 106 |
| THIRD | Larry Wright | John Firth Receiver (Type 35A) |
| HONORABLE MENTION | F. A. Nichols | English Perikon Detector-Crystal Set |

**CLASS II TUNED RADIO FREQUENCY 6 Entries**

| | | |
|---|---|---|
| FIRST | John H. Caperton | Golden Leutz Pliodyne 9 |
| SECOND | Mike White | Amrad 35, Model 3500-3 |
| THIRD | Floyd Bennett | AK Radiodyne |

**CLASS III REGENERATIVE RECEIVERS 10 Entries**

| | | |
|---|---|---|
| FIRST | Don Johnson | Paragon III, 1923 |
| SECOND | Charles C. Barone | Marconi phone |
| THIRD | Glen Baird | Radiocraft/DeForest |
| HONORABLE MENTION | Jim & Felicia Kreuzer | Crosley "Pup" Radio w/"Bonzo" |

**CLASS IV SUPERHETRODYNES 3 Entries**

| | | |
|---|---|---|
| FIRST | Don Patterson | Norden Hauck C-10 |
| SECOND | John H. Caperton | Super Hilcodyne |
| THIRD | Will Jensby | 8 tube Superhet (Ralph Miller - Dodge City) |

**CLASS V TRANSMITTERS 4 Entries**

| | | |
|---|---|---|
| FIRST | Dick & Ann Schamberger | BC-11A Transmitter with Generator |
| SECOND | F. A. Nichols | Home-built Spark Transmitter |
| THIRD | Mike White | Spark Transmitter |

**CLASS VI TUBES 3 Entries**

| | | |
|---|---|---|
| FIRST | Will Jensby | Cunningham Tubes |
| SECOND | John K. Allison | Early CRT w/wire leads |

Thanks to Nina Giganti, Alan Douglas, and Doug Furney for helping with contest

**CLASS VII REPLICAS 10 Entries**

| | | |
|---|---|---|
| FIRST | Alan Douglas | 1915 Multiple Tuner |
| SECOND | Herb Balmer | Replica Homebrew Loose Coupler Set |
| THIRD | Ross Smith | Wallace Detector |
| SPECIAL AWARD | Ralph Williams Arthur Aseltini | Reproduction AK-5 |

**CLASS VIII CATHEDRALS 8 Entries**

| | | |
|---|---|---|
| FIRST | Clay Seidel | Cathedral Crosley |
| SECOND | Larry Wright | Zenith 805, 1934 |
| THIRD | James Stanley | Philco Cathedral |

**CLASS IX 5 Entries**

| | | |
|---|---|---|
| FIRST | Kenneth McIntosh | Jenkins Scanning Disc |
| SECOND | Larry Babcock | CBS Color Wheel |
| THIRD | Donald Patterson | Pilot 3" TV 1948 |

**CLASS X LOOPS 5 Entries**

| | | |
|---|---|---|
| FIRST | Gary Schneider | Bodine Loop |
| SECOND | Larry Wright | Fiat Loop |
| THIRD | Joseph P. Benne, Sr. | Fiat Loop |

**CLASS XI MISCELLANEOUS 9 Entries**

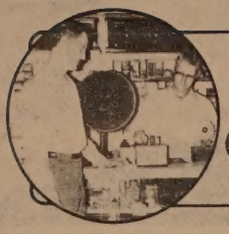
| | | |
|---|---|---|
| FIRST | Jan Turney | Parkin Audio Control Panel |
| SECOND | George Hayman | Station Tester (British 1914-1918) |
| THIRD | E. A. Smith | Clapp Eastham |

**CLASS XII TUNED CIRCUITS 7 Entries**

| | | |
|---|---|---|
| FIRST | Carmen Ambroggio | AK-5 |
| SECOND | Charles E. Barone | Sodion DR-6 |
| THIRD | Ronald Scranton | Federal 110 |
| SPECIAL AWARD | John H. Caperton | Amrad one tube Reflex |
| BEST OF SHOW | John H. Caperton | Golden Leutz Pliodyne |

83 Entries, 4 displays

Judges: Paul Giganti, Ross Smith, Tom Brooker



# VINTAGE RADIO HAS GREAT BOOKS FOR YOU!

## VINTAGE RADIO 1887-1929

You'll enjoy this fascinating pictorial story of pioneer days in wireless and radio. Relive the days of Marconi, old spark transmitters, and the struggles of early radio broadcasting. It's the radio collector's reference, with over 1,000 pictures on 263 pages.

WHILE THEY LAST!
HARD-COVER $10.95
HANDBOOK $8.95

## A FLICK OF THE SWITCH 1930-1950

Here's your time trip through the great days of radio broadcasting and the dawn of television. Revisit the Lone Ranger, Philco "cathedral" radios, old "Ham" days and many more. You'll revel in 312 pages of story, old ads and over 1,000 pictures.

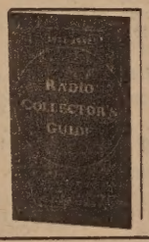
WHILE THEY LAST!
HARD-COVER $10.95, HANDBOOK $8.95

## 1927 RADIO ENCYCLOPEDIA

Own this authentic reproduction of Gernsback's classic. Browse through radio's heroes (who's Marconi?) and hardware (what's a coherer?) of the old days. 175 fascinating pages. Our hard-cover version is a serialized limited edition, an ideal gift.

WHILE THEY LAST!
DELUXE HARD-COVER $14.95 SOFT COVER $10.95

## 1921-1932 RADIO COLLECTOR'S GUIDE

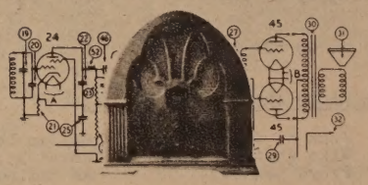



SOLD OUT

This book makes you an "instant expert" as you go prospecting for [illegible]e old radios. It eliminates guesswork [illegible]nning a set's age and "pedigree." [illegible]64 pages loaded with over 50,000 facts [illegible],000 radio models made by 1,100 manufacturers.

WHILE THEY LAST!
HANDBOOK $6.95

## CIRCUIT DIAGRAMS



We will research any pre-1951 radio model and send you the circuit diagram and any other available repair information. We'll also tell you the year in which that model was introduced. Your money back if we don't come up with at least a circuit diagram!

We now have Canadian diagrams, too!

ANY RADIO MODEL $3.50

## MOST-OFTEN-NEEDED 1926-1938 DIAGRAMS

This reprint of Morris Beitman's Supreme Publications book shows circuit diagrams for 600 radio models. Its 240 pages are valuable for historical circuit information, and are great aids in restoring those old sets. Made from Supreme's original artwork, it is clear and readable.

WHILE THEY LAST!
HANDBOOK $7.00

## DISCOVER THE EXCITING RADIO COLLECTOR'S HOBBY!

# LIMITED SUPPLY!
## WE HAVE MADE OUR LAST PRINTING– STOCK UP WHILE YOU CAN!

GOOD NEWS GOOD NEWS GOOD NEWS

Our new friends may not know it, but Vintage Radio was supposed to be out of business by now. We were rescued by two nice ladies who have volunteered to continue shipping Vintage Radio books. Their names are Betty McMahon and Gayle McMahon Rowland, of North Highlands, California.

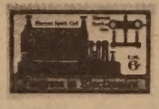
Betty and Gayle will continue to ship books until they're gone. Our Radio Collector's Guide is already sold out. Vintage Radio is in short supply. A Flick of the Switch and Radio Encyclopedia can carry on for a few more months, and we have quite a few copies of 1926-1938 Radio Diagrams. Gayle will carry on the circuit diagrams service as long as the book business lasts.

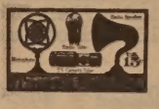
So let's cheer these two gals on with a few kind words and some orders. They deserve it!

Sincerely,

Dhe McMahons

Morgan and Gladie McMahon





### MAGNIFICENT COLOR PRINTS FROM ORIGINAL ART

These fine "Progress in Electronics" prints are the most striking artwork we've seen in years. Made from the original painting, each print is 8" x 10" with its own coordinated matte background. Prints are on beautiful heavy stock with high-quality inks. It takes nine passes through the printing press to make each of these four masterpieces!

Originally conceived as executive gifts by Hall-Mark Electronics, these fine pictures are made by special arrangement with the U.S. Postal Service. Now a limited edition, by Government decree. Here's the ideal gift for you, your relatives and friends!

FOUR BEAUTIFUL PRINTS FOR FRAMING, ~~$7.50~~ now $3.75

## DON'T WAIT; ORDER NOW FOR QUICK DELIVERY!

Send check or money order to McMahon's Vintage Radio, Box 1331, North Highlands, CA 95660

_____ $ _____ _____ $ _____
_____ $ _____ _____ $ _____
_____ $ _____ _____ $ _____
_____ $ _____ _____ $ _____

Total $ _____

PLEASE PRINT CLEARLY!

NAME _____

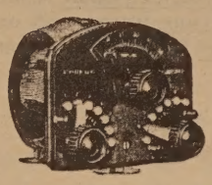
ADDRESS _____

CITY _____ STATE _____ ZIP _____

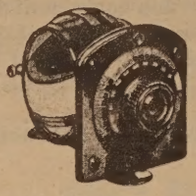
PRICES EFFECTIVE UNTIL JULY 1, 1980

# AUTHENTIC REPLICAS

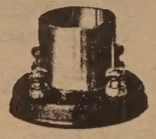
## ATWATER KENT


Mounted Variocoupler

Type 11 Tuner


Mounted Variometer

Standard Vac. Tube Unit


Standard Tube Socket

| FRONT PLATE ONLY | PLATE ONLY | PLATE ONLY | WRITE | BASE ONLY |
|---|---|---|---|---|
| With all related Parts-- $40.00 | $8.50 , $5.00 Vernier Knob | $8.50 | | $5.00 |

AK Breadboard Switch $10.00 , Thumb Nuts .50, Std. Knob $3.50, Std. Dial $5.00, Drive Belt Pulleys $3.00, Brass Feet For Vario's $3.50, Other AK Parts --- WRITE. SOON Will offer Breadboard ANTENNA COIL FORM WITH SWITCH TAPS, RF COIL FORMS- For Model 10 and others.

### CROSLEY

Large Dials - $4.50 for models 50, 51, 52, X, XJ, either old or new style. Rheostat Knob with shaft $3.50, Tap Switch or Tickler Knob $3.00, Binding Posts .80 Binding Post Thumb Screws .80, BOOK CONDENSER COMPLETE WITH ALL RELATED PARTS, INCLUDING DIAL — WRITE

### ZENITH

LARGE KNOB $4.00 , SMALL KNOB $3.00, LARGE POINTER state Cond. or Vario. $4.50 Small Pointer with shaft $3.50 state Rheo. or other. Knobs either brown or black. ABOVE PARTS FOR MODELS R1, R3, R4, . Write for any other Zenith parts.

### PHILCO

STANDARD KNOBS MODEL 20, set of three $5.00. STANDARD KNOBS MODELS 90, 70, and many other Philcos, Set of 4 $6.00, Order in sets to insure color match. PUSH BUTTONS as used on many Philco sets, $.75, Order entire set to insure color match. ESCUTCHEONS Models 90 or 20 $7.00. Write for any other Philco parts.

WD11 ADAPTORS and UV 99 ADAPTORS, Use any UX base tube such as UX 199 - UX 120 - #30 - UX 201A - or VT -24/ 864 . No wiring changes necessary or other alterations in the set. EITHER ADAPTOR -- $5.00 . VT24 / 864 TUBES NEW at $6.00 ea.

If you need a Dial or Knob, Escutcheon or Push Button duplicated I will need a good sample to use as a model in making the mold. I have hundreds of battery sets and may have the right Knob, Dial etc. to use as a model, But to be sure send your sample when possible. Write and send SASE for reply.

I have hundreds of Misc. Parts for old pre 1928 Battery Sets Write and state your needs. Bushels of Early Electric Radio Tubes, No list just state type wanted.

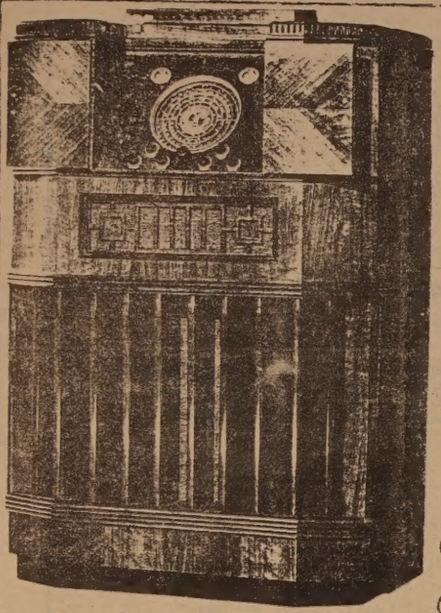
** ORDER FROM, KEITH PARRY 17557 HORACE ST. GRANADA HILLS, CA. 91344 **

****ADD POSTAGE TO ABOVE PRICES PLEASE**** 213-363-1914

# club news

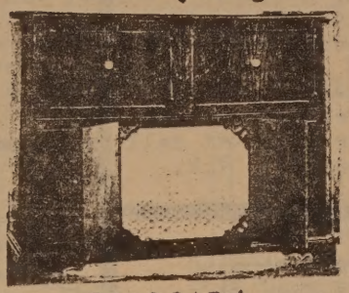
VINTAGE RADIO AND PHONOGRAPH SOCIETY CONVENTION

Bill Boruff captured the "best of all" phonograph trophy and George Potter won the "great big one" for the best radio at the latest annual convention for V.R.P.S. which was active with a collectors panel, contest, auction and swapfest on September 8 and 9, 1979 at Irving, Texas. The nest edition of The Horn Speaker is scheduled to have pictures and information about all the events.

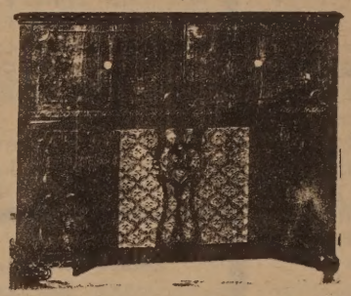



LAUREATE GRANDE

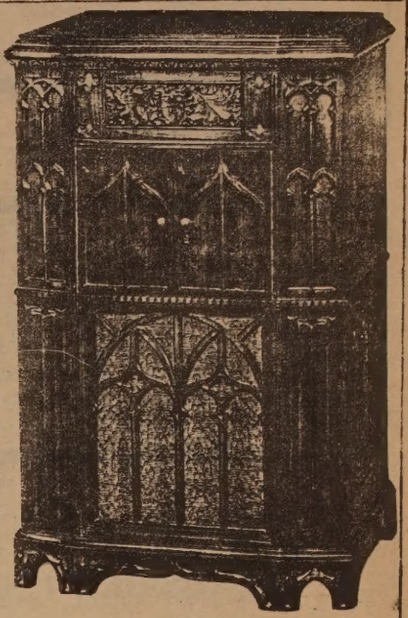
I will TRADE A COMPLETE SCOTT FOR ANY EMPTY CABINET OF SETS SHOWN
ALSO WILLING TO BUY FOR CASH



GEORGIAN



CHIPPENDALE GRANDE



GOTHIC GRANDE

- AVAILABLE FOR TRADE ONLY -

① SCOTT 23 TUBE ALL WAVE IMPERIAL IN TASMAN CABINET (UPRIGHT)

② SCOTT 510 AMFM PHOND IN SMALL CONSOLE

③ SCOTT 28 TUBE PHANTOM DELUXE, CHASSIS'S AND SPEAKER ONLY, NO CABINET

TOM RUTHERFORD 2 STEARNS AVE TOWNSEND, MASS. 01469 617-597-8157 (11AM-4PM) -WEEKDAYS-

ATTENTION RADIO COLLECTORS !!!

NOW YOU CAN PLAY "OLD TIME RADIO" OVER YOUR VINTAGE RADIO !

TIRED OF LISTENING TO TODAY'S RADIO PROGRAMS ON YOUR ANTIQUE BATTERY OR A.C. RADIO? TUNE IN OLD TIME RADIO BY USING MY ANTIQUE RADIO BROADCASTER TO PLAY THOSE OTR CASSETTES BY WIRELESS THROUGH YOUR SET. THE UNIT IS A MODERN SOLID-STATE 3-TRANSITOR, 9 VOLT BATTERY-POWERED CIRCUIT CAPABLE OF BROADCASTING BETWEEN 600-1500 KHz AM TO SETS 30 FEET AWAY. SIMPLY ATTACH THE INPUT CABLE TO YOUR CASSETTE PLAYER, TURN IT ON, AND SIT BACK AND ENJOY OLD TIME RADIO COMING FROM YOUR SET.

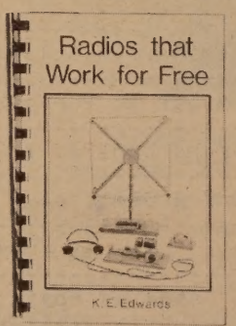
THE ANTIQUE RADIO BROADCASTER IS HAND-BUILT TO YOUR ORDER AND FEATURES A TUNING CONTROL TO ALLOW YOU TO BROADCAST ON A CLEAR AM RADIO FREQUENCY. UNIT IS COMPLETE, TESTED AND READY TO OPERATE (YOU SUPPLY OTR CASSETTE, PLAYER AND VINTAGE RADIO!). PRICE: $39.95 PLUS SHIPPING (UPS OR PARCEL POST)

FOR MORE DETAILED INFORMATION, SEND A SASE TO:

HARRY E. BURKE 1201 HAPPY HOLLOW PLATTSMOUTH, NE 68048

NOTE: THESE UNITS ARE OFFERED AS A SERVICE TO FELLOW ANTIQUE RADIO COLLECTORS AND NOT FOR COMMERCIAL TRADE OR GAIN. UNIT COMPLIES WITH FCC PARA. 15.204, LOW POWER COMMUNICATIONS DEVICES.

# Radios that Work for Free




"Radios that Work for Free" is a "How to" book for all ages. This is the most comprehensive work of its kind. Not only does the reader get a new hobby, but the skills necessary to continue in a science and art that needs revival. The projects can be built from recycled junk on the kitchen table by the novice with assured success. Years of research and countless hours of experimentation have been accumulated to provide this base for the beginner. You will fill many hours building, listening and experimenting with "Radios that Work for Free."

ORDER FORM

HOPE and ALLEN
Publishing Company
P. O. Box 535
Belmont, California 94002

Please place my order for____copies of "Radios that Work for Free" by K. E. Edwards at $5.00 per book. (CA. add 6% tax) Please add 50¢ for postage/shipping. Check must accompany order.

Ship to: _____

ATWATER KENT MOVING
20 (big) ~~X~~ NEXT SPRING
33 35 HAVE TO
All vy gd. $65 ea. THIN OUT

HORN SPEAKERS

Magnavox M-4, open driver gd. cond $75

Baby Bristol, open driver gd cond $75

~~Dictograph~~, ~~good driver, vy gd cond $100~~

Charles Freshman

One each available of the three shown on p 89 of V.R. All vy gd. $65 ea

Neutrodynes

Freed Eisemann NR5, vy nice $125

Freed Eisemann NR7, vy nice $150

Thompson V50 5 tube, looks sim. to Magnutrol pl35 V.R. vy gd $65

Terry 4 tube, sim. to FE NR7 exc smaller w/smaller knobs Very good cond. $85

AMPLIFIERS

~~Clapp Eastham HRA single stage Vy gd. $150~~

Neon Simplex two stage vy gd $100

~~Radiola III Vy gd $45~~

Radiola VIII Portable, vy gd catacomb checks $150

Pittsburg Radio Supply SP2 reciever. One rf xfmr missing Rest looks ok. Vy unusual set has apparent optional audio module that slides in much like a circuit card in a computer. $250

Todd Electric Perpetule "B" battery, rechargeable wet cell similar to Edison p215 V.R. Vy gd. Glass ok. $100

CROSLEY

~~Model XJ excellent $150~~

Model 50 Very good $125

NATIONAL CO.

Velvet AB supply, designed for FB-7 works, vy gd cond. $35

Supply looking similar to above exc larger, but maybe B only. seems to be ok, vy gd, no tube $20.

Old absorption wavemeter w/two coils, no ident. on it, but came from National auction. Was in box labeled Grandaddy Wavemeter, may be prototype. gd cond. $20

National ARR auto radio, screen grid set bout 1930, similar to models in Rider. gd cond outside better inside. w/tubes ~~$45~~

SPARK AND WIRELESS

~~Helix 4½ D x 9 L edgewound flat copper buss on wood fram., with clips. NOT homemade. $45~~

Lepel spark gap, one inch face, big copper fins, brass on porcelain base. $10

OLD Century 1/4 hp motor, end mounted brushes, 110 vac, 60 cy. Runs. Perfect for MG set or big rotary. $35

Cutler Hammer motor start resistance box. 12 Amp capacity. $35

~~Murdock 424 coo xfmr minus base. Both coils and most hardware present. Buy a Fotos base and you have a rare one. $50~~

RCA (GE) Magnetic Modulator UT1357 Checks out $45

RCA (WSA) Faradon Rcvng Cond. UC1819 gd. $30

~~Murdock spark wheel, tips show some sign of Spark burn, but still very good. $20~~

~~RCA(GE) UV1716 rf transformers. 5000 to 25000 meters. Check ok. 3 avail 2 in orig box. $20 ea~~

RCA(GE) pwr xfmr UP1368. 115v 60 cy, 1100vct, 7.8 vct, 7.8 vct Checks good. $25

GE N5 pwr xfmr, vy similar to above, unmarked terminals show continuity. $15

Ameratran pwr xfmr 300v 5v 6v good . $10

~~Gilbert Remler honeycomb coils 2 each avail of type 50 ($10 ea) and type 1250 ($20 ea). All show continuity.~~

PHONE 617 597 8157

ONE, TWO, AND THREE DIAL TRF SETS

Rosas Tonadyne Compact, 5 tube 3 dial, looks similar to Stromberg 1A, pl33 VR Very good. $50

Rosas Tonadyne Deluxe, same as above exc. larger. Vy Gd. $60

Federal A10 Orthosonic 5 tube 3 dial very good $85

Federal D10 Orthosonic 5 tube 1 dial very good $70

Bremer Tully Counterphase, supershielded deluxe one dial trf tuning gears bind, need some help. Otherwise very good. $65

Kolster 6D squarish cabinet, 1 dial 6 tube, pl41 VR. vy gd $65

# 20% OFF EVERYTHING LEFT ON THIS PAGE.

Mohawk 6 tube 1 dial similar to Kolster 6D above. Vy gd. $60

Royal Radio 3 dial, similar to Paramak pl36 VR. Good $45

David Grimes 5B Baby Grand Duplex, pl27 VR Very Good. $100

Stanrad Radio Standard V 3 dial, same as Royal above Gd. $45

Standard Radio one dial. same as above. Gd. $45

King 3 dial very good. same as Royal above. $60

Stewart Warner 300 3 dial pl38 VR very good. $60

~~Stewart Warner 345 1 dial, very similar to 385 on pl38 VR vy gd $60~~

~~Erla Balloon Coil TRF, rare, sim. to Paramak pl36 VR. Cabinet good, inside very good. $100~~

Browning Drake factory built 4 tube as per pl30 VR exc. filament battery meter (also orig). Very Good. $70 .

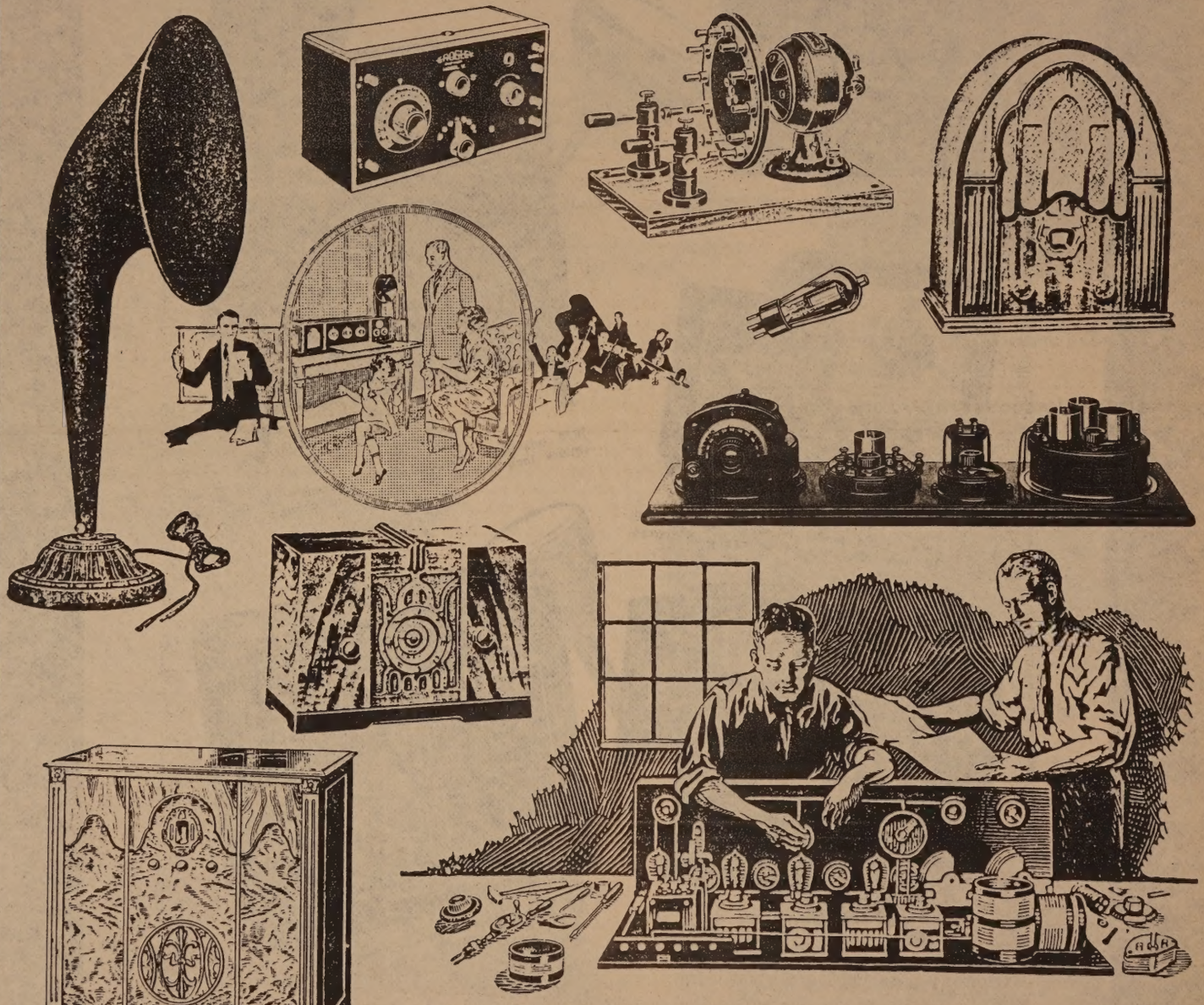
BIG COLLECTION MUST BECOME SMALL COLLECTION

Unless otherwise specified, prices do not include tubes. Personal checks, two weeks before shipment. Shipping charges collect. Polaroids available upon receipt of 50¢ ea. Phone between 11 am- 4 pm weekdays. Weekends anytime after 11 am Sat. TOM RUTHERFORD 2 STEARNS AVE. TOWNSEND, MASS. 01469

# THE ENCYCLOPEDIA OF ANTIQUE RADIO

VOLUME 1

BY JWF PUETT



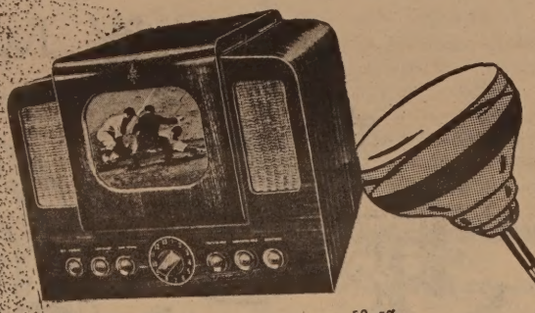
**PUETT ELECTRONICS**

PUBLISHERS OF P.O. BOX 28572 DALLAS TEXAS 75228

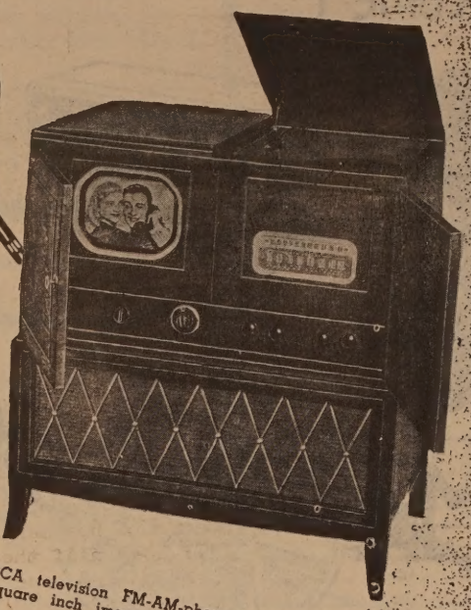
ANTIQUE RADIO TOPICS &
THE CLASSIC RADIO NEWSLETTER

*Coming Soon! - watch for the introductory ad!*

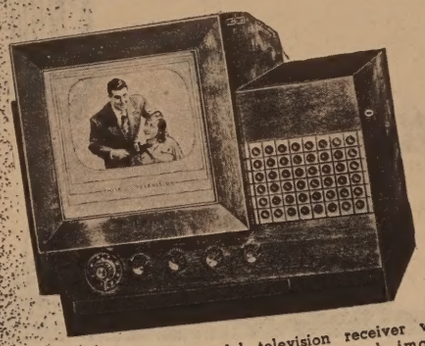
# 1948 Televiser Parade



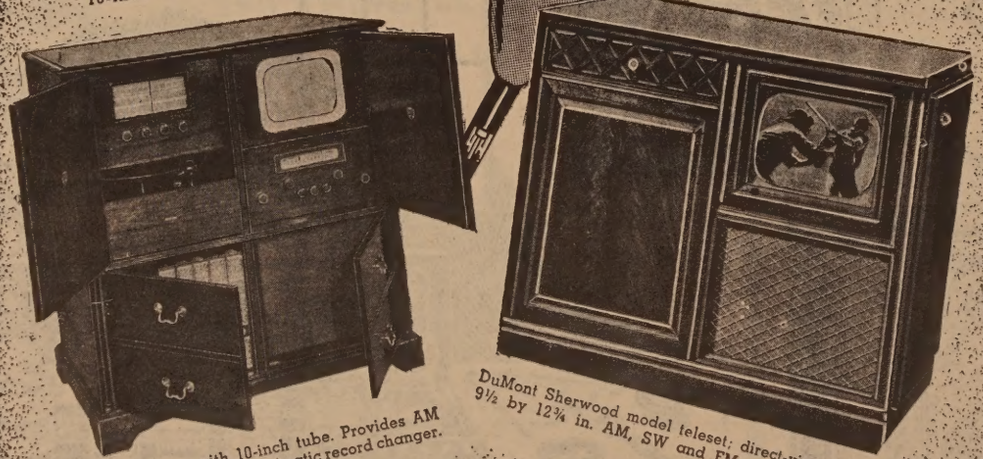
Emerson table model teleset has 52 sq. in. image. Tunes in all TV channels.



RCA television FM-AM-phonograph console; 52 square inch image; automatic record changer.



Philco table model television receiver with 10-inch tube, has 54 square inch image.



Garod receiver with 10-inch tube. Provides AM and FM reception; has automatic record changer.

DuMont Sherwood model teleset; direct-view image 9½ by 12¾ in. AM, SW and FM; record changer.

# CLINIC

*Noisy detector tubes:* Mr. Steiger has also run into noisy a.c. detector tubes:

"With the advent of power-operated radio receivers, the question of 'noise' interference has increased in importance. Much of this interference cannot be corrected, but some, however, is curable.

"One cause of curable noise, which is frequently overlooked, is the cathode detector tube of the 227 type. Numerous cases have been encountered, in service work, where disturbances, having all the ear-marks of line noises, have been traced to this tube. For example, there is the 'snoring' detector, a common trouble maker. This disturbance manifests itself, in the loud speaker as a noise repeating itself at more or less regular intervals and sounding exactly like a person snoring. With some tubes, the snore is loud and annoying, with others, weak, and noticeable only at low volume. Sometimes the snore may vary with a code-like disturbance, or even a scratchy static sound. The noise may start as soon as the tubes are warmed up, or an hour may elapse before it appears.

"The deceiving thing about the 'snorer' is that most 227-type tubes do it to a greater or less degree. Thus changing the detector tube may not locate the trouble unless the replacement tube is free from the disturbance. Tubes which are bad offenders usually show a pronounced flicker in the heater filament.

—— RADIO BROADCAST ——

AUGUST 1929

Rates for THE HORN SPEAKER
One year.....$5.50
Two years.....$11.00
Special rates for one year
(mailed in envelope)
First class.....$10.00
Foreign Air Mail...$16.00

# mart

Classified ad rate: 6¢ per word.
Photo ads: $2.00 extra.
Deadline: 20th of the preceding month.

## FOR SALE OR TRADE

Taping is my hobby and presently I'm concentrating mostly on material by BOB & RAY. At the present time I have around 300 hours of their wonderful stuff-all catalogued-but I'm always looking for more.

Do you have any BOB & RAY in your collection? I mean ANYTHING by them--the 40's, 50's and TV shows during on radio station WOR in New York--guest spots on talk shows--in TV and radio specials and commercials and promos--ANYTHING BY THEM--especially their television series of 1951-52 on the different networks?

If you have any BOB & RAY, I'll make you the same offer that I've made to any other tapers. DUB OFF and send me ALL OF YOUR BOB & RAY material and I, in return, will dub off anything that I don't have for myself, and return your reel(s) and/or cassette(s) to you with NEW BOB & RAY (CATALOGUED) at the same tape speed and number of tracks that you send to me.

If you DON'T have any BOB & RAY in your collection--or already have some and want some more--I'd be happy to send you some. Just send me some empty tapes or cassettes--in multiples of 2 up to 6 and let me know what speed and how many tracks you wish. I'll keep half the tape for the time involved and send the rest back to you filled with CATALOGUED BOB & RAY material.

If you think this is fair enough, let me hear from you. O.K.?

Ward Erwin
c/o 760 Brentwood Drive
Reno, Nevada 89502

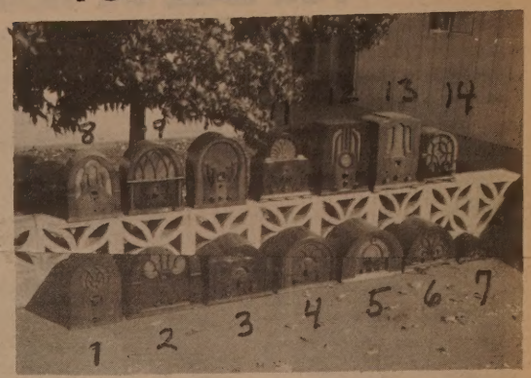
FOR SALE: Early TV collection. I am thinking of selling scanning disk (1927) Meiessner (1938) GE (1938) Pilot 3", plus more early TV sets. Buyer picks up. Details & list large SASE w/15¢ stamp.
Krantz, 100 Osage Ave., Somerdale, New Jersey 08083.

FOR SALE: 71-A tubes. Guaranteed new in original war surplus boxes. $5. each post paid. Will also trade equivalent worth for WD-11, WD-12, Daven or DeForest tubes in good working condition. C. Kirsten, 604 Fremont St., #1, South Pasadena CA 91030...

FOR SALE OR TRADE: Atwater Kent parts 1927 - 1930, technical help, early electrics specialists.
Vintage Radio Shop, 1419 - 8th St., Rockford IL 61104.
Telephone: 815 964 3221...

FOR SALE: Radios, speakers, tubes, magazines, test equipment, parts, list 3M79 50¢ plus large SASE with 2-15¢ stamps. Krantz, 100 Osage Ave., Somerdale N.J. 08083.

## FOR SALE OR TRADE



CATHEDRAL RADIOS. ATWATER KENTS PHILCO'S, RCA TOMBSTONE'S, GE. Many more besides whats in picture. Send $1.00 for lists of old radios. CHUCK, 925 Starlite, Grants Pass OR 97526. Phone 503 476-1078.

"ANTIQUE RADIO BROADCASTER" permits wireless broadcast of your Old Time Radio cassettes through nearby vintage battery, AC radios (Standard Broadcast band). Compact solid-state unit works with your portable cassette tape recorder. Completely assembled & tested, ready to operate. SASE for details.
H. Burke, 1201 Happy Hollow, Plattsmouth NE 68048.

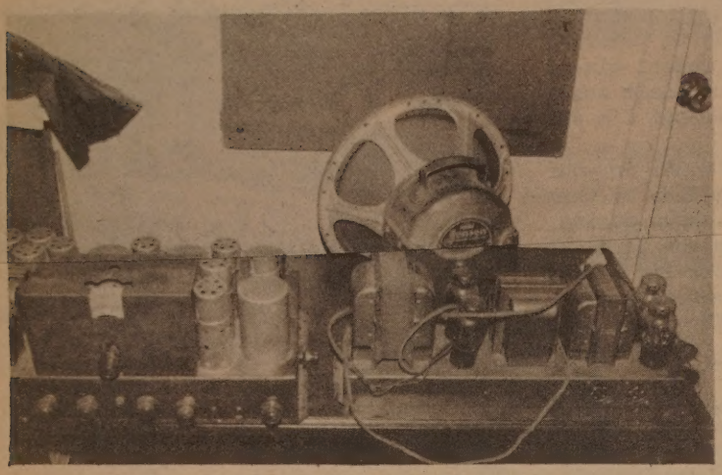
ANTIQUE SHOW AND FLEA MARKET, LIMITED TO: RADIOS, PHONOGRAPHS, MECHANICAL MUSIC AND TOYS. TO BE HELD DECEMBER 8th AND 9th AT BOEFF HALL, NAVARRE, OHIO. DEALERS AND COLLECTORS NOTE: FREE SET-UP SPACE! FOR MORE INFORMATION CALL: JEFF KRAUS, 424 COLUMBIANA NAVARRE, OHIO 44662. TELEPHONE: (216) 879-5083...

ATTENTION: Stromberg Carlson owners! I have precision bronze, perfect replacement tuning gears (5-1/16", 188 teeth) for model 601 and similar models $11. per set. instructions included, post. pd., Paragon RAS, DA-2 fine condition, $600. RADA V.G. $140. Bill Wiley, 968 W. Market Akron, OH 44313. 216 867-7505

FOR SALE: RCA Radiola 26, Aerodyne Special, Artophone 3 tube, Pilot TV near mint in original carrying case, Also some cathedrals. SASA for list.
Richard Cane, 8391 N.W. 21 St., Sunrise FL 33322

FOR SALE: Reprinted Owners Manuals: Atwater Kent instruction book volume I, For models 9, 10, 12, 19 and 20 with station log card $6.00 post paid, RCA Superhet model AR812 with 2 dial cards $4.00 post paid. Excellent quality - satisfaction guaranteed. $9.00 for both.
John McFarland, Route 3, Box 158, Gadsden, Alabama 35901..

## FOR SALE OR TRADE



MCMURDO SILVER MASTERPIECE II, also available is a blue covered booklet which is a sales brochure which gives some background on McMurdo Silver and the "virtues" of The Masterpiece II. However booklet will not be available to a buyer until our household goods are delivered to our home in the Glenview, Illinois area, whenever we find a house to buy. Can be transported privately to the Dallas area. Set is presently in New Orleans. Set valued between $250.00 to $400.00.
Name with temporary address is:
H. F. Peplow, 3620 Linneman St., Glenview IL 60025.

EDISON CYLINDER dictating sets, one record-playback other has recorder, playback & shaver. 80 yr. old jeweler's lathe. Early tube list. Details for SASE. Ray Harland, 2602 Mary Ln. Escondido, CA 92025

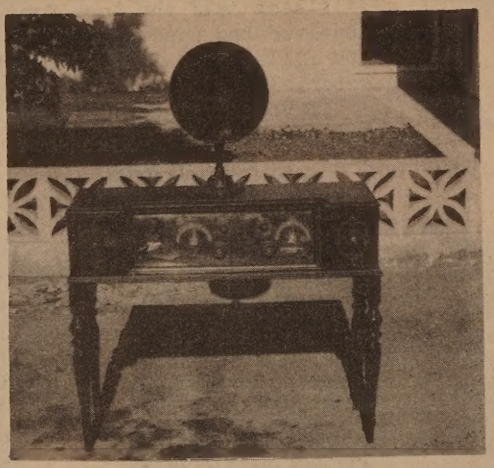
SAMPLE COPY; Antique Radio Club of America GAZETTE, also descriptive brochure, $1.00 postpaid. ARCA, 81 Steeplechase Rd., Devon, PA 19333

FOR SALE: FOUR RADIOS from 1923 to 1935, S.A.S.E. for free illustrated list.
R.C.A. service notes Vol. 1 abridged 1923-1937----- $35.00
R.C.A. service notes, 1933- $15.00
Riders radio manuals Vol. 5thru 20--------- $10.ea.
Riders T.V. manuals,
Vol. 1-2-3---------- $15.ea.
Vol.4-5-6-21&23-------- $10.ea.
The manuals are heavy. Please allow for postage. S.A.S.E. a must.
Herman Fothe, 10 Jackson St.
Sloatsburg, NY 10974

FOR SALE OR TRADE: Have FIVE CATHEDRAL RADIOS as follows: Silvertone Super model 37-61, Philco type 84 code 121, Philco model 70, RCA model 121, These sets operate and are GOOD to EXCELLENT condition as to cabinet and chassis.
Ralph Maddox, Purgitsville, WV 26852, Tel. (304) 289-3069

## FOR SALE OR TRADE

FOR SALE:
6-conductor AK style battery cable.....$1/ft.
4-conductor AK style battery cable.....$.75/ft.
3-conductor AK style battery cable.....$.50/ft.
Brown silk power cord wire (new stock),...25¢/ft., 175KC or any other popular frequency (new old stock).....$2.00 ea.
IF transformers, 175 KC or any other popular frequency (new old stock).....$2.00 ea.
Exact replacement leather handles for Radiolas II and VIII .....$4.50.
Olde Tyme bakelite binding posts (singles).....50¢ea. or 3/$1.00.
Olde Tyme bakelite binding posts (Triples).....$1. each or 3/$2.50.
We have a limited supply of new old stock resistor line cords for AC/DC table radios.....$4.00 ea.
Olde Tyme tube testers available restored and tested....$25.00 ea.
Most Olde Tyme Radio schematics available. Please furnish us with make & model No...$1.50 ea.
All items plus shipping.
Order from: Olde Tyme Radio Co., 2445 Lyttonsville Rd., Silver Spring MD 20910.



SELL OR TRADE. ZENITH SUPER VIII 1924, page 148 Vintage Radio. SPARTON HAS KELLOG TUBES. AK-CATHEDRIAL'S. CROSLEY TVs. OVER 100 OLD SETS. SEND $1.00 for lists. Charles, 925 Starlite, Grants Pass OR 97526.
WANT ANY OLD OUTSIDE HORN PHONOGRAPHS TRADE RADIO'S AS MY INTEREST IS PHONOGRAPHS.
CALL 503 476-1078.

FOR SALE: AUTHENTIC REPLICAS: FRONT PLATES FOR AK VARIO COUPLERS, VARIOMETERS, TYPE 11 TUNER, DIALS, KNOBS, POINTERS, BINDING POST NUTS, PUSH BUTTONS, BELT DRIVE PULLEYS FOR AK AND MUCH MORE. SASE FOR LISTINGS.
K. PARRY, 17557 Horace, Granada Hills CA 91344.

## FOR SALE OR TRADE

FOR SALE--Hoyt A bat. tester vy gd. sm. oak case. built in load resistor. $20.
Clintone xtal set. celluloid case, vy gd. $35.
Amrad C spark coil, gd. cond. needs condensers replaced $100.
Xtal det. Mint. $200.
Tillman xtal det. vy gd $25.
Freshman xtal det. glass enc. vy gd. $35.
Grewol xtal det. glass enc. vy gd. $30.
Atwater Kent type K auto ign. coil. Vy gd. physical cond. unknown elec. cond. $100.
Cambridge Botanical Supply Co. spark coil, vy gd. cond. $65.
Steinite xtal set, enclosed det. compression cond. tapped spiderweb coil. Exc. $125.
Manhattan Optical Supply, double slide tuning xtal set, vy gd. $125.
Cylindrical xtal set similar to Pandora p69 of Vintage Radio. Unknown brand, not homemade. Vy. gd. $125.
Remler honeycomb coil mounting base compl. exc. with asstmnt of 11 plug-in coils, some Cotocoil, some Gilbert Remler. Package price $125
Clapp Eastham HR recvr. with HZ amp. Vy gd. sold as pair at $450
Clapp Eastham HRA amplifier pint size one stage version of the HZ. Hard to find. Vy gd cond. $150.
Murdock 344 loosecoupler in orig. box Vy gd. $250.
Amrad DA2 det & 2 step amp. Vy gd. $250.
Supreme Mod 89D deluxe test set, Comb tube tester, incl. OlA, VOM, Cap checker. Exc. except handle missing. $35.
General Radio 274 wavemeter Gd. cond. $30.
General Radio 358 wavemeter Gd. cond. $45.
General Radio 558 wavemeter gd. cond. $45.
Tom Rutherford
2 Stearns Ave.
Townsend MA 01469
Phone 617 597-8157

FOR SALE: Crosley Super-Trirdyn Special $70., Atwater-Kent model L horn $60., Mohawk A.C. set, circa 1928, $35. Send SASE for details and other items for sale and trade. Arthur Harrison, 1021 Falcon Dr., Columbia, MO 65201. (Include funds for shipping with all orders.)

FOR SALE: Large selection of battery and AC sets, speakers, tubes, magazines, Rider's Radio and TV manuals. SASE. Bob Husted, 280 E. Boca Raton Rd., Boca Raton FL 33432

## FOR SALE OR TRADE

FOR SALE: Diamond needles for any phonograph. $5.00 each postpaid. Send make and model number of phonograph and old needle if possible. Keith Electronics, 209 Bellefonte Ave., Lock Haven PA 17745.

FOR SALE: Relatively new electrolytic capacitors for AC radio set restoration. Send SASE for list to: G. B. Schneider, 6848 Commonwealth Blvd., Parma Hgts., Ohio 44130.

FOR SALE: Cathedral, battery and AC radios from 1920's and 1930's. Please send large envelope with two stamps.
J. Albert Warren, Box 279, Church St., Waverly PA 18471.....

FOR SALE: 1926-48 reproduced schematics. Alignment procedures available free. T.V. schematics also available. Send $2.00 each to: J. F. Antaki, Antakamatics, 311 Bear Ridge Rd., Pleasantville NY 10570.

FOR SALE: SEND FOR LIST OF OVER 500 radio magazines PLUS hundreds of other items such as catalogs, books, literature, tubes, parts and misc. items. Send large SASE with 2 stamps on it for list which will be mailed November 1st. Send to: G. B. Schneider, 6848 Commonwealth Blvd., Parma Hgts., Ohio 44130.

FOR SALE OR TRADE: QST's from 1916, CQ's from 1946, Handbooks, call books. Radio magazines and books, Catalogs, old Radio tubes and radio parts. List for SASE. Erv Rasmussen, 164 Lowell St., Redwood City CA 94062.

FOR SALE:
Batt-Radios, crystal sets, tubes, Horn Speakers, magazines, test equipment, plus more. List #E79 50¢ plus LARGE SASE w/2-15¢ stamps. Krantz, 100 Osage Ave., Somerdale, New Jersey 08083.

FOR SALE: Atwater-Kent breadboard parts catalog reprint. (8 pages, 1923). Sent postage paid for $2.00. G. B. Schneider, 6848 Commonwealth Blvd., Parma Hgts. OH 44130.

# WANTED

WANTED: Philco model 90 Cathedral in good restorable condition. Want power supply cover for AK 40. Want wiper arm and good transformer for Radiola III. Gene Densmore, 2125 Cambridge Drive, Tallahassee, FL 32304. Phone; 904 576-2125..

## WANTED

WANTED: Following back issues of A.W.A. Old Timer's Bulletin to complete my set. Pay good price, or swap for good working UX201A tubes. Vols. 1 & 16, Nos. 1 & 4. Vols. 2, Nos. 1, 2 & 4. Vols. 3, 4, 6, 8 & 9, all issues. Vols. 5, 7 & 10, Nos. 1, 2 & 3 of each. Vols. 11 & 12, No. 4. Vol. 13, Nos. 2 & 4. Vol. 14, Nos. 1, 3 & 4. Vol. 16, Nos. 1 & 4. Write M.J. O'Brien, 5 Edgar road, San Remo, 3925, Victoria, Australia

WANTED: The microphone cable connector plug for WE-630 8-Ball, and the WE-639 Cardiod. Also need the Cannon connector plug for the RCA 50-A Inductor. Also want any early Broadcast Remote Amplifiers such as the NBC ND-10, RCA OP-5 and OP-6, WE-22A, WE-23A or other similar equipment. Still looking for Early RC Mics. for a museum. Ralph G. Maddox, Purgitsville WV 26852. Telephone: 304 289-3069...

WANTED: Horn type phonographs that need repairing, or part machines, most any makes.
Reproducers for Edison, Victor. Brass name plates from old machines. Old candlestick telephones in repairable condition, not rusted. Paying resale prices.
Coleman Kiss, 4723-48 Ave, Wetaskiwin, Alta, Canada T9A 0M5
Phone: 403 352-4760. —

WANTED: AK 19, 21, 32, 36, 50 and other AKs. Need complete power supply for AK 37. Neutrowound sets and literature on same.
Jimmy Edington, 1018 South Spooner, Pasadena TX 77506. (713) 472-3453..

WANTED TO BUY: Early electrics and cathedrals (non-working).
Contact: Vintage Radio Shop, 1119- 8th St., Rockford IL 61104. Phone: 815 964 3221...

WANTED: Crosley models V, VI, X, 50, 51, 51A, 52; Grebe CR-5, CR-8; Kodel C-11; Garrod V. Please send description and price to John Geyer, 8345 Mitze Way, Denver CO 80221.

WANTED: Electromedical shock machines.
Contact: Richard B. Jehlik, General Delivery, Handel, Saskatchewan CANADA S0K 1Y0 (306) 658-4230. —

WANTED: Looking for clean Philco model 90 and 20 Cathedral's. Any Lee deForest Radio parts. Tuning pannel for deForest interpanel set. Ralph Maddox, Purgitsville, WV 26852. Tel: 304 289-3069..

DO YOU HAVE a I.C.A. S.W. set like this? If so I would like to purchase it or trade for something I have. Les Rayner, 5512 N. 71st. Place, Scottsdale AZ 85253. —

## WANTED

WANTED: Automobile radios, don't junk them, I will pay cash, most any condition. Especially wanted, Town & Country Motorola 1955-1957, Chevrolet automatic tuner 1953-57. Most any early, Wells-Gardner, Crosley radios also early Philco. Zenith with auto insignias, original equipment. Please describe and price. Also buying, vibrators (new only) antennas and misc. parts. Marvin Roth, 14500 LaBelle, Oak Park, Michigan 48237. Phone 313 399-5993.

WANTED: Early brass blade table fans, ceiling fans, and especially unusual or odd fans. Have radios to trade or will purchase.
Richard Cane, 8391 N.W. 21 St., Sunrise FL 33322. —

WANTED: QST QST need issues prior to 1924, will buy in any condition at appropriate price. Also need Hallicrafters S-5 Superskyrider and Hammarlund Cometpro receivers. Write; Dave, 6621 Duffield, Dallas. Texas 75248. —

WANTED: Radios 1927 to 1941, speakers, old phonographs with outside horns. Highest prices paid. They do not have to work.
Everything Audio, 16756 N.E. 4 Court, North Miami Beach FL 33162..

WANTED: RCA RED BOOKS '36, '37, '38. Any Service Manuals, RADIO NEWS, POP. BROADCAST, POP. RADIO, RADIO & SHORT-WAVE CRAFT. Early Radiolas. Have Riders 9-14 for trade for 16-23.
D. A. Swindal, 1112 San Jose Lane, Hanahan S.C. 29406. Ph; 744 0071.

WANTED: National SW-3 to complete Old Time Ham Station. Norman A. Parsons (WB1BVO), 22 Forest St., Branford CT 06405.

WANTED: Grandfather Clock Radios, clock radios from early 30's, and coin operated radios. Will buy or have battery sets, early electric consoles, and radio books for trade. Martin Nevers, 850 Main St., Oxford, Florida 32684.

WANTED: Philco 90B Cathedral and Atwater Kent 80 Cathedral. Also need one small knob for Philco 20B. Charles Green, 3309-24, Great Bend KS 67530..

WANTED: Philco 90 cathedral, AK 80 cathedral and other AK cathedrals. Also need metal b back-top for AA-1400 of a Radiola VI.
Charles Green, 5225 Broadway, Great Bend KS 67530.
316 793-7973...

WANTED: AK Battery radios, AK horns, AK literature and 01A, 99, 120 tubes.
David Nimley, 852 Jefferson St., Anoka MN 55303.

# PUETT ELECTRONICS

PUBLISHERS OF P.O. BOX 28572 DALLAS TEXAS 75228

ANTIQUE RADIO TOPICS & THE CLASSIC RADIO NEWSLETTER

LIST No. 18

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| 2A5 | $5 | 6H6 | $3 | 6X5 | $3 | 12K7 | $5 | 41 | $5 | 85 | $5 |
| | | 6J5 | $4 | 7A5 | $4 | 12Q7 | $5 | 42 | $5 | 89 | $5 |
| | | | | | | 12AS7 | $4 | 43 | $5 | 117L7 | $6 |
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| | | | | | | 14A7 | $5 | 47 | $8 | | |
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**BOOKS, BOOKLETS, LISTS & DATA**

Booklets listed in (1) thru (5) below are $2. each, 3 for $5., 4 for $6. or 5 for $7.

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(2) The Complete Restoration of Battery Powered Antique Radios by J. W. F. Puett
(3) The Complete Restoration of AC Powered Antique Radios by J. W. F. Puett
(4) When Was That Old Tube Made? by James R. Wilkins
(5) Antique Radio Tube Substitution by J. W. F. Puett

(6) SILVER GHOSTS by J. W. F. Puett (history of E. H. Scott) $8.95
(7) THE CLASSIC RADIO COLLECTORS HANDBOOK by J. W. F. Puett $10.00
(8) THE APPRAISAL OF ANTIQUE RADIOS by J. W. F. Puett $4.95
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WE HAVE SCHEMATICS FOR NEARLY ANY ANTIQUE RADIO RECEIVER! Send name of manufacturer & model number of set - $1.50 postpaid. Without name of mfg. and/or model No. we will search our files for $3.00, but we must have a sketch of top of chassis showing type numbers and location of all tubes and location of front panel & dial.

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ANTIQUE RADIO TOPICS & THE CLASSIC RADIO NEWSLETTER

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OCTOBER 75c

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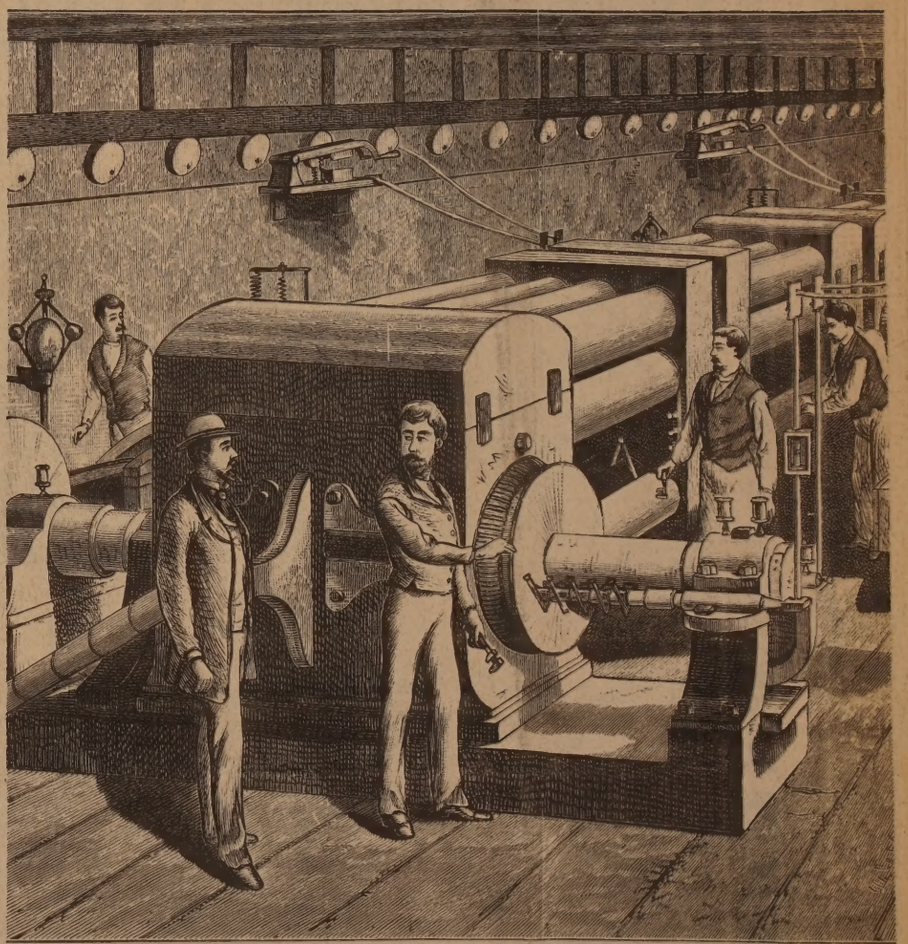
1979



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Scientific American.
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